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PTO/SB/05 (03-01)
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UTILITY

PATENT APPLICATION **TRANSMITTAL**

| | ey Docket | 47171-00300USC2 | |
|----------|------------------------|-------------------------------------------|---|
| First Ir | nventor | Douglas U. Mennie | |
| Title | Method and A Documents | Apparatus for Discriminating and Counting | 1 |

| | | | Documents | , | EL 722103482 US | | |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------|
| (Only for new nonprovi | isional applications under 37 CFR 1.53(b)) | Expres | ss Mail Label N | /o. | EL /221 | 103482 US | |
| | APPLICATION ELEMENTS 600 concerning utility patent application contents. | A | ADDRESS TO | Box Pate | ssioner for Pa ent Applicati gton, DC 202 | ion | U.S. |
| 2. Applican See 37 C 3. Specifica (preferred a - Descript - Cross R - Stateme | | | Com 8. Nucleotid (if app a. | statement verifyir | Appendix) Acid Seque ble Form (Concy Listing Concy (2 copen | ence Submis CRF) on: pies); or of above cop | S ssion |
| program | n listing appendix | iputo. | ACC | OMPANYING A | APPLICA | TION PART | `S |
| - Backgro - Brief Su - Brief De - Detailed - Claim(s) - Abstract 4. | ound of the Invention Immary of the Invention escription of the Drawings (if filed) d Description | es <u>2</u>] | 9. Assignment of the control of the | gnment Papers (EFR 3.73(b) State of there is an assignee, ish Translation D mation Disclosure ement (IDS)/PTC minary Amendm orn Receipt Posto did be specifically item iffed Copy of Price ing priority is claimed publication Reque (I)(B)(i). Applicant is equivalent. Er Check No. 56 comission of Corre | (cover sheetement []) Document (re [] D-1449 Hent (MPEF Hized) Drity Document() Hest under 3 He must atta | et & documer Power of (if applicable) Copies of Citations P 503) ment(s) 35 U.S.C. 12 ach form PTO | nt(s)) Attorney) f IDS |
| | UING APPLICATION, check appropriate be | ox and supp | ply the requisite info | ormation below and in | n a preliminary | / amendment, or | in an |
| Application Data Shee | et under 37 CFR 1.76: on Divisional Conti | inuation-ir | ned (CIP)of pri | or application No: | <u> </u> | Flad Anril 18 | 2001 |
| Prior application Int | | | 3652 | or application 140. | <u>03/ 03/ 355</u> , | , IIIEO <u>Whiii 191</u> | <u> 200 i</u> |
| | ON OR DIVISIONAL APPS only: The entire of | | | ation, from which a | n oath or decl | laration is supp | lied under |
| Box 5b, is considered | d a part of the disclosure of the accompanying nly be relied upon when a portion has been ina | g continuati | on or divisional ap | pplication and is her | eby incorpora | | |
| incorporation can on | | | DENCE ADDR | | .ion parts. | | |
| | | | JEJE | | | | |
| 30223 Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or New correspondence address below | | | | | | | |
| NAME | Stephen G. Rudisill | | | | | | |
| ADDRESS | Jenkens & Gilchrist | | | | | | |
| | 225 West Washington Street, Suite 2600 | | | | | | |
| CITY | Chicago | | | | | | |
| COUNTRY | | EPHONE | 312 425-3900 | | | 312 425-3909 | |
| Name (Print/Type) | Paul R. Kitch | | | stration No. (Attorn | | 38,206 | |
| Signature | ful d. Jeld | | | | Date | 2/19/02 | |









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FEE TRANSMITTAL for FY 2002

TOTAL AMOUNT OF PAYMENT

(\$) 1,688.00

Patent fees are subject to annual revision

Application Number Unknown Filing Date February 19, 2002 First Named Inventor Douglas U. Mennie **Examiner Name** Unknown Group Art Unit Unknown Attorney Docket Number 47171-00300USC2

Complete if Known

| METHOD OF PAYMENT (check one) | | | | FEE CALCULATION (continued) | | | | | | | | | |
|---------------------------------------------------------------------------------------|--------------------------|-------------------------|-------------|---------------------------------------------------------------|-------------------------------------------|----------|-----------------|-----------|---------------|------|-----------------------------------------------------------|----------------------------------------------------------------------------|----------|
| 1. The Commissioner is hereby authorized to charge indicated | | | | 3. ADDITIONAL FEES | | | | | | | | | |
| fees and credit any over payments to: Deposit Account Number 10-0447/47171-00300USC2 | | | | | | Large | | Small | | | | | |
| Depos | II Accour | At Number | 10 | -044 | //4/ 1/ 1- | 0030 | 00302 | Fee | Entity Fee | Fee | Entity Fee | | |
| Depos | it Accou | nt Name | Je | nken | ns & Gild | :hrist | | Code | | Code | (\$) | Fee Description | Fee Paid |
| Пс | harge Anv | Additional F | Fee Rea | uired | | | ļ | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| | nder 37 C | FR 1.16 and | 1.17 | | | | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| | pplicant ci ee 37 CFF | laims small e R 1 27 | antity star | lus. | | | ļ | 139 | 130 | 139 | 130 | Non-English specification | |
| | | ayment Er | nclose | d: | | | | 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| | Check | Credit | t card | | Money O | rder | Other | 112 | 920 | 112 | 920° | Requesting publication of SIR prior to Examiner action | |
| | | FEI | E CAL | CULA | иопт | | | 113 | 1,840 | 113 | 1,840 | Requesting publication of SIR after Examiner action | |
| | | | | | 11.0 | | | 115 | 110 | 215 | 55 | Extension for reply within first month | |
| • • • • • • • • • • • • • • • • • • • • | | FILING F | | | | | | 116 | 400 | 216 | 200 | Extension for reply within second month | |
| Large I | - | Small 6 | • | _ | ~ | | | 117 | 920 | 217 | 460 | Extension for reply within third month | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee | Description | on | Fee Paid | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 101 | (*) 740 | 201 | (₹) 370 | t teiti | in filing fee | | 740 | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 106 | 330 | 201 | 165 | | | | <u>/40</u> | 119 | 310 | 219 | 155 | Notice of Appeal | |
| | | | | | Design filing fee | | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | | |
| 107 | 510 | 207 | 255 | | Plant filing fee | | 121 | 270 | 221 | 135 | Request for oral hearing | | |
| 108 114 | 740 160 | 208 214 | 370 80 | | Reissue filing fee Provisional filing fee | | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| | | | | SUBT | OTAL (1) | | (\$) <u>740</u> | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| | | | | 300 | JIAL (1) | | (#) <u>140</u> | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| | | | | | | | | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 2. | EXTRA | CLAIM I | FEES | | | | | 143 | 440 | 243 | 220 | Design issue fee | |
| | | | Extra | ۲ | Fee from below | | Fee Paid | 144 | 600 | 244 | 300 | Plant issue fee | |
| Total C | l=!ma 40 | 20 - | | v | | = | 360 | 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| | laims <u>40</u> -: | | <u>20</u> | X | <u>18</u> | | <u>360.</u> | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| Claims | ndent <u>10</u> - | 3 = | Z | X | <u>84</u> | = | <u>588.</u> | 126 | 180 | 126 | 180 | Submission of Information Disclosure Statement | |
| | Depende | | | . X | — | = | | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| Large I | • | Small E | • | _ | | | | 146 | 710 | 246 | 355 | Filing a submission after final rejection | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee | Description | on | | | | _ | _ | (37 CFR 1.129(a)) | |
| 103 | 18 | 203 | 9 | Clai | ims in exce | ss of 20 | 0 | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 102 | 84 | 202 | 42 | Inde | Independent claims in excess of 3 | | 179 | 710 | 279 | 355 | Request for Continued Examination | | |
| 104 | 280 | 204 | 140 | Mul | Multiple dependent claim, if not paid | | | | | | | (RCE) | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | | | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of of 20 and over original patent | | | Other | r fee (sp | ecify) | | SUBTOTAL (3) | (\$) | |
| SUBTOTAL (2) (\$) 948. | | | | l *R | educe | d by l | Basic I | | | | | | |
| ** or number previously paid, if greater: For Reissues, see above | | | | | | | | | | | | | |

| SUBMITTED BY | | | | | Complete (if applicable) |
|-----------------------|---------------|--------------------------------------|--------|-----------|--------------------------|
| Typed or Printed Name | Paul R. Kitch | Registration No. (Attorney/Agent) | 38,206 | Telephone | 312-425-8517 |
| Signature | The diglet | | | Date | FEBRUARY 19, 2002 |

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Dear Sir:

Customer No.: 30223 **PATENT**

| IN THE UNITED STATES | PATENT AND TRADEMARK OFFICE | | | | | |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| In re Application of: |) (19/61 19/61 | | | | | |
| Douglas U. Mennie |)) Crown Art Unit: Unknown | | | | | |
| Serial No.: Unknown |) Group Art Unit: Unknown | | | | | |
| Filed: February 19, 2002 |) Examiner: Unknown | | | | | |
| Thed. February 19, 2002 | Attorney Docket No.: 47171-00300USC2 | | | | | |
| For: Method and Apparatus for | | | | | | |
| Discriminating and Counting | - FIRMAN | | | | | |
| Documents . |) TOWNAT | | | | | |
| SUBMISSION OF FORMAL DRAWINGS DRAWING | | | | | | |
| | KW | | | | | |
| Assistant Commissioner For Patents | CERTIFICATE OF MAILING 37 C.F.R. 1.8 | | | | | |
| Washington, DC 20231 | I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner of Patents, Attn: Official Draftperson, | | | | | |
| Attn: Official Draftperson | Washington, DC 20231, on the date below: | | | | | |

Submitted herewith is one set of six (6) sheets of formal drawings (FIGS. 1 and 23-28), which should be substituted for the drawings presently in this application. Formal drawings were submitted with the application, however, some of them were objected to by the Official Draftperson in a prior application. Accordingly, corrected drawings for FIGs. 1 and 23-28 are being submitted herewith.

Applicant understands that no additional fees are required. Should any fee be deemed necessary, however, the Commissioner is hereby authorized to charge any additional fees which and have

may be required, or credit any overpayment, to Deposit Account No. 10/0447/47171-00300USC2. A duplicate copy of this Submission is enclosed for that purpose.

Respectfully submitted,

Paul R. Kitch

Registration No. 38,206

Jenkens & Gilchrist

225 West Washington Street

Suite 2600

Chicago, IL 60606

312/425-3900

Attorney for Applicants